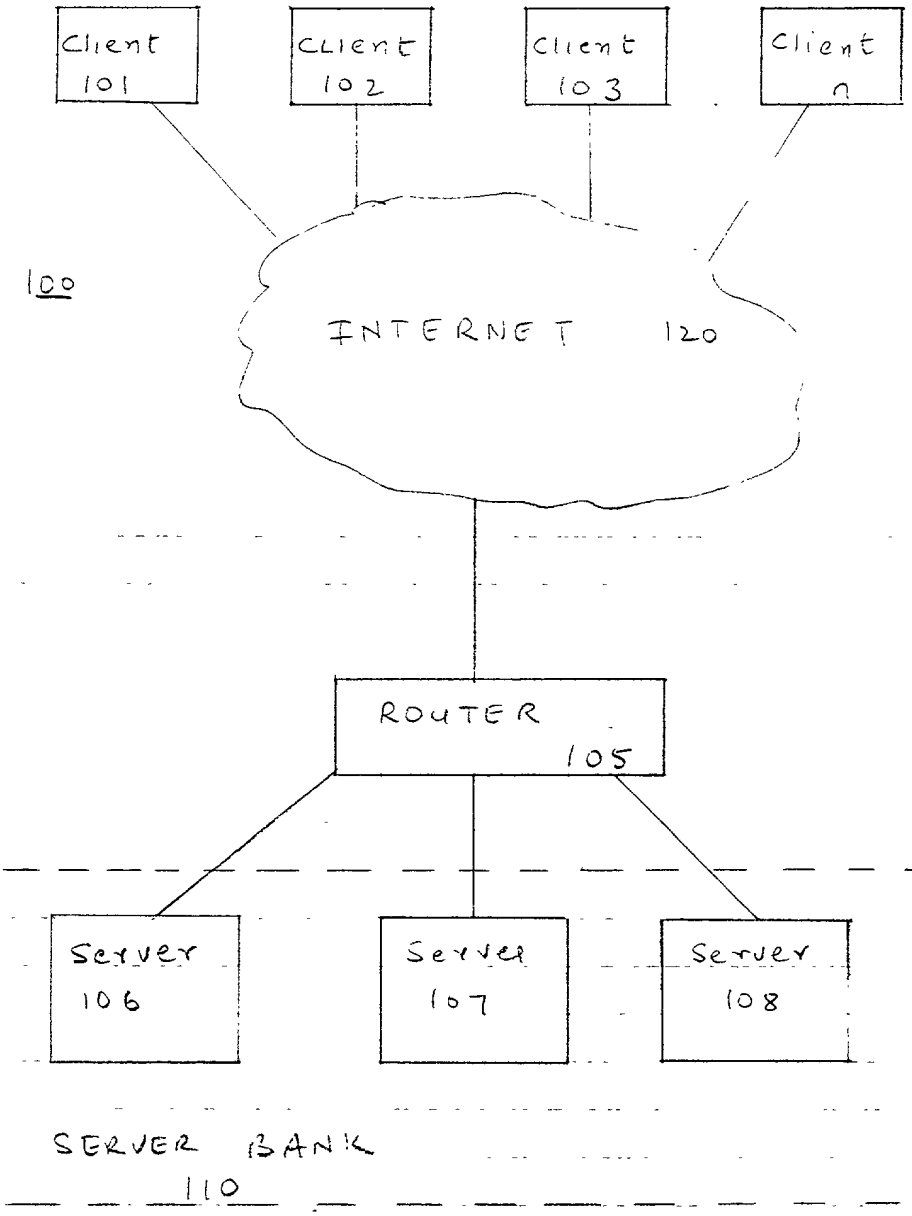
Client 101
Client 102
Client 103
Client n
100
INTERNET 120
ROUTER 105
Server 106
Server 107
Server 108
SERVER BANK 110

FIGURE 1

SLB address Table

IP addr. Server	IP addr CLIENT	Virtual IP addr Dest	TCP Src. Port #	TCP Dest Port #
192.10.1.1	11.4.8.2	196.12.1.1	20	8
192.10.1.2	12.8.9.5	196.12.1.1	5	6
192.10.1.3	11.5.7.3	196.12.1.1	3	2

FIGURE 2. (PRIOR ART)

Server load sharing table

300

Server [i]	IP addr. of Server in Server Bank
0	192.10.1.1
1	192.10.1.2
2	192.10.1.3

FIGURE 3

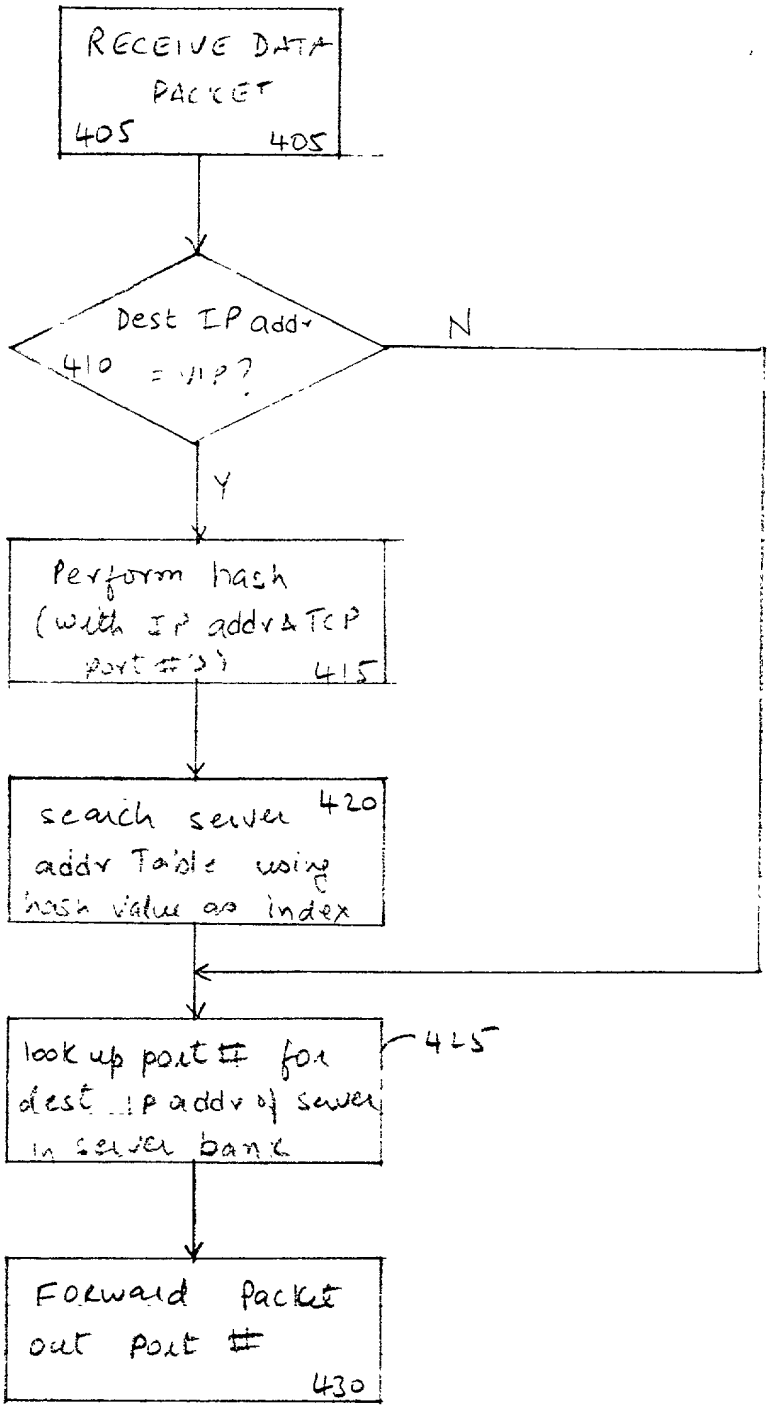
RECEIVE DATA PACKET
405
405
Dest IP addr
410 = VIP?
N
Y
Perform hash (with IP addr & TCP port #'s)
415
search server addr Table using hash value as index
420
look up port # for dest IP addr of server in server bank
425
Forward packet out port #
430

FIGURE 4